

Subject Index

Volume 74

- Aboriginal population, diet intervention in, 442
- Acid loading, carbonated beverages and, 343
- Acquired immune deficiency syndrome, dietary intake among HIV-positive adults, 852
- S-Adenosylhomocysteine, cardiovascular disease and, 723
- Adipose tissue
 - site-specific differences in, 585
 - vitamin E in, 356
- Adiposity, of middle-aged Chinese, 64
- Adolescence
 - adult obesity and, 287
 - supplemental vitamin A and iron status in, 108
- Adolescent girls
 - serum parathyroid hormone and, 206
 - vitamin D deficiency in, 494
- Adolescents
 - growth assessment in, 248
 - pre- and postnatal programming of immunity, 543
- Adulthood, obesity and, 287
- African Americans, body fat distribution in, 631
- Age at menarche, adult obesity and, 287
- Age-related macular degeneration, 796
- Aging
 - and immune responses to fasting, 670
 - probiotic enhancement of immunity and, 833
- Agriculture, metabolism and health, 283
- Air-displacement plethysmography, for estimating percentage body fat, 637
- Alcohol
 - diet and health and, 279 (Editorial)
 - intake, eating habits and, 322
- Alcoholic beverages, eating habits and, 322
- All-cause mortality, total homocysteine and, 130
- ALS. See Amyotrophic lateral sclerosis
- Amino acid balance, in Indian subjects, 747
- Amino acid oxidation, in Indian subjects, 747
- Amino acid requirement
 - cysteine sparing effect, 761
 - in young men, 756
- Amino acids
 - to spare? 709 (Editorial)
 - guar and, 487
- Amyotrophic lateral sclerosis, hypermetabolism in, 328
- Analysis of covariance, resting metabolic rate and obesity, 369
- Anemia
 - dietary treatment of, 650
 - in African children with malaria, 767
 - iron deficiency with and without, 776
 - microencapsulated iron or drops to treat, 791
- Anthropometry
 - determining diabetes risk in Japanese Americans, 101
 - growth of Indian adolescent boys, 248
 - leptin concentrations and, 295
- Antidendomysial antibodies, in celiac disease, 137
- Antiinflammatory activity, γ -tocopherol and, 714
- Antiinflammatory agents, and serum ferritin in elderly Americans, 219
- Antioxidants
 - applications and mechanisms of action, 418
 - cancer and, 555 (Letter to the Editor)
 - cardiovascular disease and, 442
 - erythrocyte resistance and, 449
 - in Crohn disease, 259
- Apolipoprotein A-IV, metabolism of, 308
- Apparent copper absorption, from a vegetarian diet, 803
- Appetite, during weekly peg-OB-protein treatment, 426
- Arachidonic acid
 - human milk and, 242
 - in full-term infants, 364
- Asian Americans, diabetes risk in, 101
- Aspirin, and serum ferritin in elderly Americans, 219
- Atherosclerosis
 - antioxidant vitamin status and, 402
 - human plasma lipoproteins and, 211
 - in elderly Americans, 219
 - obesity and, 585
- Australia
 - children's energy intake and expenditure, 643
 - sialic acid in human milk and formula, 510
- Avenin, no harmful effect of oats in celiac disease, 137
- Bangladesh
 - supplemental vitamin A and iron status in teenagers, 108
 - zinc deficiency in, 381
- Bayley Scales of Infant Development, zinc and, 381
- Behavior, zinc deficiency and, 381
- Bifidobacterium lactis* HN019, probiotic enhancement of immunity, 833
- Bioavailability
 - of copper from a vegetarian diet, 803
 - of γ -tocopherol, 714
 - zinc-folate interaction and, 125
- Bioflavonoids, applications and mechanisms of action, 418
- Bioinformatics, metabolism and health, 283
- Biomarkers
 - in validation of dietary assessment methods, 188

- of vitamin E, 356
- Birth defects, zinc-folate interaction and, 125
- Birth weight, early life predictors of immune function, 840
- Black women, body fat distribution in, 631
- Blood, hyperhomocysteinemia and elevated methylmalonic acid in Asian Indians, 233
- Blood pressure
 - body circumferences and, 315
 - cardiovascular disease and, 464
 - n-3 fatty acids and, 603
- BMI. See Body mass index
- Body composition
 - estimation with bioelectrical impedance, 474
 - ethnic differences in, 555 (Letter to the Editor)
 - in an elderly population, 637
 - in children, 524
 - in girls and their parents, 529
 - OB-protein treatment and, 426
 - racial differences in, 631
- Body density, calibration of, 637
- Body fat
 - composition of, 585
 - in children, 524
 - in girls and their parents, 529
 - [¹³C]linoleic acid transfer into human milk, 827
 - of middle-aged Chinese, 64
- Body mass index
 - adult obesity and, 287
 - and energy intake in women, 197
 - body circumferences and, 315
 - determining diabetes risk in Japanese Americans, 101
 - growth assessment in Indian adolescents, 248
 - in girls and their parents, 529
 - [¹³C]linoleic acid transfer into human milk, 827
 - of middle-aged Chinese, 64
 - physical activity and, 574
 - tracking of, 149 (Letter to the Editor)
- Body mass, OB-protein treatment and, 426
- Body temperature, of critically ill patients, 265
- Body weight
 - and energy intake in women, 197
 - polyp prevention and, 387
- Bone loss
 - in elderly, 569 (Editorial)
 - in elderly women, 694
 - ratio of animal to vegetable protein, 411 (Letter to the Editor)
- Bone metabolism
 - calcium intake and, 335
 - in female adolescents, 206
- Bone mineral content, HIV highly active antiretroviral therapy use and, 679
- Bone mineral density
 - caffeine and, 694
 - in female adolescents, 206
- Bone turnover, vitamin K and, 783
- Book Reviews
 - Advances in Isotope Methods for the Analysis of Trace Elements in Man*, edited by Nicola Lowe and Malcolm Jackson, 869
 - Childhood Obesity: Prevention and Treatment*, by Jana Parizkova and Andrew Hills, 561
 - Clinical Sports Nutrition*, 2nd ed, edited by Louise Burke and Vicki Deakin, 560
 - Intestinal Lipid Metabolism*, edited by Charles M Mansbach II, Patrick Tso, and Arnis Kuksis, 868
 - Nutrition and AIDS*, 2nd ed, edited by Ronald R Watson, 868
 - Nutrition and the Strength Athlete*, edited by Catherine G Ratzin Jackson, 869
 - Nutritional Care for High-Risk Newborns*, revised 3rd ed, edited by Sharon Groh-Wargo, Melody Thompson, Janice Hovasi Cox, and John V Hartline, 560
 - Physical Activity and Obesity*, edited by Claude Bouchard, 275
 - Preventive Nutrition, the Comprehensive Guide for Health Professionals*, 2nd ed, edited by Adrienne Bendich and Richard J Deckelbaum, 704
 - Primary and Secondary Preventive Nutrition*, edited by Adrienne Bendich and Richard J Deckelbaum, 704
 - Vitamins in Animal and Human Nutrition*, edited by Lee Russell McDowell, 413
- Boys, growth assessment in adolescents, 248
- Bread
 - folic acid enrichment of, 125
 - measurements of gastric emptying rate, 254
 - plant sterols and colorectal cancer risk, 141
- Breakfast, glycemic and insulinemic responses to milk products, 96
- Breast milk, maternal vitamin A status and, 501
- CAD. See Coronary artery disease
- Caffeine
 - and increased rate of bone loss in elderly women, 694
 - bone loss and, 569 (Editorial)
 - urinary calcium excretion and, 343
- Calcium intake
 - adolescent girls and, 494
 - effect of dosage and timing, 335
 - fractures and, 571
 - prostate cancer and, 549
- Calorimetry, de novo lipogenesis during carbohydrate overfeeding, 737
- Cancer
 - γ-tocopherol and, 714
 - antioxidants and, 555 (Letter to the Editor)
 - Healthy Eating Index and, 479
 - prevention diet, 848
- Carbohydrate(s)
 - daytime triacylglycerolemia and, 171
 - glycemic and insulinemic responses to, 96
 - memory and, 687
 - overfeeding, 737
 - substrate oxidation and, 620
- Carbon dioxide production, in low-birth-weight infants, 374
- Carbonated beverages, urinary calcium excretion and, 343
- Cardiovascular disease
 - Aboriginal diet intervention and, 442
 - and lower LDL cholesterol in women, 179
 - high-protein diets and, 57
 - in middle-aged Chinese, 64
 - n-3 fatty acids and, 464
 - obesity and, 585
 - plasma S-adenosylhomocysteine and, 723
 - risk factors, 603

- and diet of Fulani pastoralists, 730
- body circumferences and, 315
- total homocysteine and, 130
- γ -tocopherol and, 714
- Cardiovascular mortality, total homocysteine and, 130
- Cardiovascular risk, obesity, 585
- α -Carotene, 501
- β -Carotene, 501
 - atherosclerosis and, 402
 - in Midwest adults, 796
 - vitamin A value of plant foods, 348
- Carotenoid bioavailability, assessment of, 348
- Carotenoids, Healthy Eating Index and, 479
- Carotid artery disease, antioxidant vitamin status and, 402
- Catch-up growth, in small-for-gestational-age term infants, 516
- Catechins
 - tea consumption and ischemic heart disease, 227
 - LDL oxidation and, 596
- Celiac disease, no harmful effect of oats in, 137
- Central adiposity, determining diabetes risk in Japanese Americans, 101
- Central obesity, abdominal fat composition, 585
- Cerebrovascular disorders, tea consumption and, 227
- Ceruloplasmin, vegetarian diet and, 803
- Childbearing age, treatment of anemia, 650
- Childhood obesity, energy expenditure and, 524
- Children
 - early life predictors of immune function, 840
 - energy intake and expenditure in, 643
 - iron deficiency in Côte d'Ivoire, 776
 - microencapsulated iron or drops to treat anemia, 791
 - micronutrient deficiencies in, 657
- China
 - tracking of body mass index from childhood to adolescence, 149 (Letter to the Editor)
 - vitamin D deficiency in, 494
- Chinese population, HDL subclasses of, 64
- Chinese Singaporean boys, resting metabolic rate in, 369
- Chocolate, 563 (Editorial)
 - and risk for cardiovascular disease, 464
 - body circumferences and, 315
 - cardiovascular disease and, 442, 603
 - dietary polyunsaturated fatty acids and, 179
 - filtered coffee and, 302
 - in Eskimo coprolite, 44
 - reduced-fat spreads and, 33
 - walnut intake and, 72
- Cholesteryl ester transfer protein, psyllium and, 435
- Chronic heart failure, protein-energy malnutrition and, 6
- Chronic obstructive pulmonary disease, protein-energy malnutrition and, 6
- Chronic renal failure, protein-energy malnutrition and, 6
- Citric acid, urinary calcium excretion and, 343
- Clinical competence, nutrition education and, 164
- Clinical trial
 - dietary changes and polyp prevention, 387
 - zinc supplementation and development in infants, 381
- Cobalamin deficiency
 - in Asian Indians, 233
 - in India, 157 (Editorial)
- Cocoa powder, effects on LDL oxidation, 596
- Cognition, diet and, 687
- Cognitive distraction, and energy intake in women, 197
- Cognitive performance, glucose and, 409 (Letter to the Editor)
- Cognitive restraint, and energy intake in women, 197
- Cohort studies
 - eating habits and alcohol consumption, 322
 - α -linolenic acid and coronary artery disease, 457
 - of adult obesity, 287
 - tea consumption and ischemic heart disease, 227
- Colas, urinary calcium excretion and, 343
- Colon cancer, plant sterols and risk of, 141
- Combined hyperlipidemia, walnut intake and, 72
- Community survey, iron status in African children with malaria, 767
- Compartmental model, effect of zinc depletion on zinc homeostasis and kinetics, 116
- Congenital defects, zinc-folate interaction and, 125
- Coprolite, fecal sterols of, 44
- Coprostanol epimers, dietary sterol intake, 44
- Cord blood, *trans* fatty acids in, 364
- Coronary artery disease
 - linolenic acid and, 612
 - α -linolenic acid intake and, 457
 - obesity and, 585
 - postprandial lipemia in postmenopausal women, 592
- Coronary heart disease
 - Aboriginal diet intervention and, 442
 - human plasma lipoproteins and, 211
 - walnut intake and, 72
- Costa Rica, vitamin E intake in, 356
- Côte d'Ivoire, iron deficiency and, 776
- Cow milk, vitamin E transport and, 211
- C-reactive protein
 - and serum ferritin in elderly Americans, 219
 - in African children with malaria, 767
- Creatinine, effect of wheat gluten on levels of, 57
- Critically ill patients
 - nutrition in, 265
 - substrate use in, 664
- Crohn disease, lipid peroxidation in, 259
- Curriculum, nutrition education, 164
- Cysteine sparing, effect on methionine requirement, 761
- Cytokine, and serum ferritin in elderly Americans, 219
- Dairy products, prostate cancer and, 549
- Dark chocolate, effects on LDL oxidation, 596
- DASH. See Dietary Approaches to Stop Hypertension Trial
- Daytime triacylglycerolemia, diet and, 171
- De novo lipogenesis, during carbohydrate overfeeding, 737
- DEBQ. See Dutch Eating Behavior Questionnaire
- Dementia, protein-energy malnutrition and, 6
- Designed foods, dietary polyunsaturated fatty acid lowers LDL cholesterol in women, 179
- Deuterium, de novo lipogenesis and, 737
- Deuterium-labeled retinyl acetate, vitamin A value of plant foods, 348
- Developmental research, statistical and psychobiological significance in, 281 (Editorial)
- Diet
 - alcohol and health and, 279 (Editorial)

- among HIV-infected adults, 852
- and daytime triacylglycerolemia, 171
- and risk of coronary artery disease, 457
- blood pressure-lowering, 80
- cobalamin deficiency in Asian Indians, 233
- cognitive restraint and distraction in women, 197
- concordance with recommendations for cancer prevention, 848
- coronary artery disease and, 612
- Healthy Eating Index and, 479
- of middle-aged Chinese, 64
- prostate cancer and, 549
- quality, Healthy Eating Index and, 479
- tea consumption and ischemic heart disease, 227
- vitamin K and bone turnover, 783
- Dietary antioxidants, atherosclerosis and, 402
- Dietary Approaches to Stop Hypertension Trial, 1 (Editorial), 80
- Dietary assessment, 273 (Letter to the Editor)
- Dietary change, polyp prevention and, 387
- Dietary energy intake, and energy expenditure in children, 643
- Dietary fat
 - and energy intake of children, 643
 - association of with HDL, 64
 - intake, polyp prevention and, 387
 - obesity and, 585
- Dietary fatty acids, and composition of abdominal adipose tissue, 585
- Dietary fiber
 - dietary nitrogen and, 487
 - intake, polyp prevention and, 387
- Dietary guidelines, Healthy Eating Index and, 479
- Dietary intakes, of middle-aged women, 90
- Dietary intervention
 - in an Aboriginal population, 442
 - polyp prevention and, 387
- Dietary iron, treatment of anemia, 650
- Dietary management, reduced-fat spreads and, 33
- Dietary nitrogen, guar and urea kinetics and, 487
- Dietary patterns, alcohol intake and, 322
- Dietary protein, guar and, 487
- Dietary quality, 417 (Editorial)
- Dietary recall, of Fulani pastoralists, 730
- Dietary restraint, and energy intake in women, 197
- Dietary soluble fiber, plasma lipids and, 435
- Dihydrophyloquinone, bone turnover and, 783
- 1,25-Dihydroxyvitamin D₃, dairy foods and prostate cancer, 549
- Diurnal variation, in bioelectrical impedance, 474
- Docosahexaenoic acid
 - cardiovascular disease risk and, 464
 - cardiovascular disease risk and, 603
 - in full-term infants, 364
- Doubly labeled water
 - children's energy intake and expenditure, 643
 - energy expenditure in children, 524
- Dual-energy X-ray absorptiometry
 - body composition in girls, 529
 - highly active antiretroviral therapy and, 679
 - resting metabolic rate and obesity, 369
- Dutch Eating Behavior Questionnaire, cognitive restraint and distraction, 197
- E3N-EPIC. See European Prospective Investigation into Cancer and Nutrition
- Editorials
 - Diet, alcohol, and health: a story of connections, confounders, and cofactors, 279
 - Examining the effect of a nutrition intervention on immune function in healthy humans: what do we mean by immune function and who is really healthy anyway? 565
 - n-3 Fatty acids from fish and fish oil: panacea or nostrum? 415
 - Food for thought, 567
 - Got some amino acids to spare? 709
 - How good is chocolate? 563
 - Is caffeine a risk factor for bone loss in the elderly? 569
 - Leptin concentrations in US adults, 277
 - Maternal thiamine deficiency: still a problem in some world communities, 712
 - No common energy currency: de novo lipogenesis as the road less traveled, 707
 - Plasma concentrations of total homocysteine predict mortality risk, 3
 - Prevalence of cobalamin (vitamin B-12) and folate deficiency in India—*audi alteram partem*, 157
 - Statistical and psychobiological significance in developmental research, 281
 - The future of phytochemical databases, 4
 - The public health implications of the Dietary Approaches to Stop Hypertension Trial, 1
 - The search continues for a tool to evaluate dietary quality, 417
 - Update on total parenteral nutrition, 153
 - What does it mean to be "at nutritional risk"? Seeking clarity on behalf of the elderly, 155
- Eicosapentaenoic acid, cardiovascular disease risk and, 464, 603
- Elderly
 - aspirin and serum ferritin in, 219
 - atherosclerosis in the, 402
 - body composition in, 637
 - immune responses in, 670
 - memory and, 687
 - men, tea consumption and ischemic heart disease, 227
 - probiotic enhancement of immunity in, 833
 - protein-energy malnutrition and, 6
 - women, caffeine and bone mineral density, 694
- Electrophile trap, γ -tocopherol and, 714
- EN. See Enteral nutrition
- Energy, alcohol intake and, 322
- Energy balance, OB protein and, 426
- Energy expenditure
 - and physical activity in children, 524
 - dietary energy intake in children, 643
 - food intake and, 620
 - in critical illness, 265
 - in critically ill children, 664
 - of low-birth-weight infants, 374
 - of middle-aged women, 90
 - protein treatment and, 426
 - waist-to-hip ratio and, 574
- Energy intake
 - cognitive restraint and distraction and, 197
 - waist-to-hip ratio and, 574
- Energy restriction, 556 (Letter to the Editor)
- Enrichment, of folic acid in bread, 125
- Enteral nutrition

- compared with parenteral nutrition, 534
 - in clinical care, 160
- Epidemiology
 - iron status of elderly Americans, 219
 - leptin concentrations and, 295
 - tea consumption and ischemic heart disease, 227
- Erythrocyte transketolase activity, postpartum, 808
- Eskimo, mummy, fecal steroids in, 44
- Ethnic differences, of middle-aged women, 90
- Ethnicity
 - cobalamin deficiency in Asian Indians, 233
 - leptin concentrations and, 295
- European Prospective Investigation into Cancer
 - validation of dietary assessment methods, 188
- European Prospective Investigation into Cancer and Nutrition, 322
- Falciparum malaria, iron status in African children with, 767
- Familial resemblance, body composition in girls and their parents, 529
- Fasting, immune responses to, 670
- Fat, memory and, 687
- Fat distribution
 - body circumferences and, 315
 - racial differences in, 631
- Fat emulsion, Q-T interval and, 272 (Letter to the Editor)
- Fat mass
 - HIV highly active antiretroviral therapy use and, 679
 - in girls and their parents, 529
 - of Chinese Singaporean boys, 369
- Fat redistribution, in HIV-seropositive men and women, 679
- Fat-free mass
 - in girls and their parents, 529
 - of Chinese Singaporean boys, 369
- Fatty acids
 - and LDL cholesterol in women, 179
 - and risk of coronary artery disease, 457
- n-3 Fatty acids
 - cardiovascular disease risk and, 464, 603
 - coronary artery disease and, 612
 - effects on serum triacylglycerol and HDL cholesterol, 50
 - from fish and fish oil, 415 (Editorial)
 - in hypertriglyceridemia, 449
- n-6 Fatty acids, coronary artery disease and, 612
- Fecal bile acids, in Eskimo coprolite, 44
- Fecal coprostanol, in Eskimo coprolite, 44
- Feeding study, diet and blood lipids, 80
- Fermentation, of milk products, 96
- Ferritin, in African children with malaria, 767
- Ferrous fumarate, microencapsulated to treat anemia, 791
- Ferrous sulfate drops, microencapsulated to treat anemia, 791
- Fetal programming, of immune function, 840
- FFQs. See Food-frequency questionnaires
- Filtered coffee, homocysteine and cholesterol concentrations and, 302
- Finland, adolescent females, 206
- Fish intake
 - cardiovascular disease risk and, 464, 603
- Fish oil, in hypertriglyceridemia, 449
- Flavonoids
 - applications and mechanisms of action, 418
 - LDL oxidation and, 596
 - tea consumption and ischemic heart disease, 227
- Flour, folic acid enrichment of, 125
- Folate
 - and zinc absorption in young women, 125
 - cardiovascular disease and, 723
 - deficiency, in India, 157 (Editorial)
 - filtered coffee and, 302
 - in Asian Indians, 233
 - supplemental vitamin A enhances response to, 108
- Folic acid
 - enrichment and zinc absorption in young women, 125
 - supplemental vitamin A enhances response to, 108
- Food guide pyramid, Healthy Eating Index and, 479
- Food intake
 - cognitive restraint and distraction and, 197
 - OB-protein treatment and, 426
- Food record, of children's energy intake, 643
- Food-frequency questionnaires
 - and diet of Fulani pastoralists, 730
 - concordance of dietary data with guidelines, 848
 - dietary assessment methods and, 188
 - eating habits and alcohol consumption, 322
 - linolenic acid and coronary artery disease, 612
 - vitamin E and, 356
- Fortification
 - of bread with folic acid, 125
 - of vitamin E in cow milk, 211
- Fortified milk, vitamin E in, 211
- Fracture risk, urinary calcium excretion and, 343
- Fractures, dietary calcium and, 571
- France
 - eating habits and alcohol consumption, 322
 - substrate oxidation and food intake in men, 620
- Free-living men, diet and daytime triacylglycerolemia, 171
- French paradox, flavonoids, 418
- Fruit
 - and vegetable intake, polyp prevention and, 387
 - cardiovascular disease and, 442
- Fulani, diet of pastoralists, 730
- Full-term infant, *trans* fatty acids in, 364
- Functional foods, high-protein diets in hyperlipidemia, 57
- Gastric emptying rate, sodium propionate and, 254
- Genomics, metabolism and health, 283
- Ghana, microencapsulated iron or drops to treat anemia in, 791
- Girls, body composition in, 529
- Glucose
 - and insulin responses, measurements of gastric emptying rate and, 254
 - cardiovascular disease risk and, 464, 603
 - cognitive performance and, 409 (Letter to the Editor)
 - memory and, 687
 - overfeeding, 737
 - oxidation, food intake and, 620
- Glutamine, a critical appraisal of, 25
- Gluten-free diet, no harmful effect of oats in celiac disease, 137

- Glycemic index
 measurements of gastric emptying rate, 254
 response to milk products, 96
- Glycoprotein, in human milk and formula, 510
- Greece, physical activity and waist-to-hip ratio, 574
- Greenland, Eskimo mummy dietary sterol intake, 44
- Growth
 and development, pre- and postnatal programming of immunity, 543
 of Indian adolescent boys, 248
 of Mexican infants, 657
 retardation, multiple micronutrient supplementation for, 657
- Guar gum, dietary nitrogen and urea kinetics and, 487
- Guatemala, concordance with recommendations for cancer prevention diet, 848
- Guidelines, recommendations for cancer prevention diet, 848
- HAART.** See Highly active antiretroviral therapy
- Habitual diet, walnut intake and, 72
- HDL. See High-density lipoproteins
- Healthy Eating Index, validation of, 479
- Healthy humans
 glycemic and insulinemic responses in, 96
 measurements of gastric emptying rate, 254
- Healthy lifestyle program, cardiovascular disease and, 442
- Healthy Transitions Study, diet and energy expenditure of middle-aged women, 90
- Heart disease, obesity and, 585
- Helminthiasis, iron status in African children and, 767
- Hemoglobin, of anemic teenagers, 108
- Hemolysis, n-3 fatty acids and, 449
- Heritability, of body composition, 529
- High-density lipoproteins
 and diet of Fulani pastoralists, 730
 and vitamin E in cow milk, 211
 blood pressure-lowering diet and, 80
 cardiovascular disease and, 464
 high-dose n-3 fatty acids and, 50
 in middle-aged Chinese, 64
 n-3 fatty acids and, 603
 subclasses, in middle-aged Chinese, 64
- Highly active antiretroviral therapy, body composition and, 679
- High-protein diets, serum lipids and, 57
- Hip circumference, effects on cardiovascular disease risk factors, 315
- Hip fracture, protein-energy malnutrition and, 6
- Hispanics, vitamin E intake in, 356
- HIV. See Human immunodeficiency virus
- Holotranscobalamin, cobalamin deficiency in Asian Indians, 233
- Homocysteine
 and cobalamin deficiency in Asian Indians, 233
 and diet of Fulani pastoralists, 730
 cardiovascular disease and, 442, 723
 effect of obesity on, 558 (Letter to the Editor)
 filtered coffee and, 302
 total, mortality risk and, 3 (Editorial)
- Hordaland Homocysteine Study, homocysteine and mortality, 130
- Hormonal contraceptives, vegetarian diet and, 803
- Hormonal status, psyllium and plasma lipids and, 435
- Hospitalization, among older persons, 201
- Human full-term milk, sialic acid in, 510
- Human immunodeficiency virus
 body composition and, 679
 infection, in pregnant women and low birth weight, 814
 -positive adults, 852
- Human metabolism, vitamin A and, 348
- Human milk
 arachidonic acid in, 242
 [¹³C]linoleic acid, transfer into, 827
 preterm, sialic acid in, 510
- Humans, substrate oxidation and food intake, 620
- Hunger
 energy intake in women, 197
 OB-protein treatment and, 426
- Hunger signal, food intake and, 620
- Hydrogenated oils, vitamin K and bone turnover, 783
- Hydrostatic weighing, for estimating percentage body fat, 637
- 25-Hydroxyvitamin D
 adolescent girls and, 494
 serum parathyroid hormone and, 206
- Hypercholesterolemia, reduced-fat spreads and, 33
- Hyperhomocysteinemia, vitamin supplementation and, 271 (Letter to the Editor)
- Hyperlipidemia, high-protein diets and, 57
- Hypermetabolism, in ALS patients, 328
- Hypertriglyceridemia, fish oil in, 449
- Hypoenergetic balanced diet, weight-loss maintenance and, 579
- Immune enhancement, in the elderly, 833**
- Immune function
 early life predictors of, 840
 effect of nutrition intervention on, 565 (Editorial)
 in the elderly, 833
- Immune response, in the elderly, 833
- Immune system, pre- and postnatal programming, 543
- Immunity, enteral compared with parenteral nutrition, 534
- Immunosenescence, in the elderly, 833
- India
 cobalamin and folate deficiency in, 157 (Editorial)
 cobalamin deficiency in, 233
 growth assessment in adolescents, 248
 splanchnic uptake of leucine in, 747
- Indian adults, leucine requirement in, 747
- Indicator amino acid oxidation
 in young men, 756
 reduction in methionine requirement, 761
- Indirect calorimetry, resting metabolic rate and obesity, 369
- Infant formulas
 and catch-up growth in small-for-gestational-age infants, 516
 sialic acid in, 510
- Infantile diarrhea, prenatal undernutrition and postnatal environments, 543
- Infants
 microencapsulated iron or drops to treat anemia, 791
 micronutrient deficiencies in, 657
 zinc supplementation and, 381
- Infection
 in the elderly, 670

- prevalence of iron deficiency and, 776
- Inflammation, aspirin and serum ferritin in elderly Americans, 219
- Inflammatory bowel disease, in Crohn disease, 259
- Insulin
- body circumferences and, 315
 - cardiovascular disease risk and, 464, 603
 - postprandial lipemia and, 592
- Insulin resistance, postprandial lipemia and, 592
- Insulin sensitivity, in postmenopausal women, 592
- Insulinemic index, response to milk products, 96
- Intensive care, in critical illness, 265
- Interaction, of zinc and folate, 125
- Intestinal absorption, of dietary nitrogen, 487
- Intestinal mucosa biopsies, no harmful effect of oats in celiac disease, 137
- Intraabdominal adipose tissue, racial differences in, 631
- Intravenous dextrose, compared with enteral nutrition, 534
- Inuit, n-3 fatty acids and cardiovascular disease risk, 464
- Iron
- microencapsulated to treat anemia, 791
 - supplemental vitamin A enhances response to, 108
- Iron deficiency
- and anemia in Côte d'Ivoire, 776
 - dietary treatment of, 650
 - in African children with malaria, 767
- Iron stores, in elderly Americans, 219
- Iron supplementation, treatment of anemia, 650
- Iron supplements, treatment of anemia, 650
- Ischemic heart disease
- filtered coffee and, 302
 - tea consumption and, 227
- Isotope ratio mass spectrometry
- arachidonic acid in human milk, 242
 - [¹³C]linoleic acid transfer into human milk, 827
- Karen ethnic minority, postpartum thiamine deficiency in, 808
- Kenya, iron status in children with malaria, 767
- Kinetic analysis, zinc depletion and, 116
- Kinetics, diet and apolipoprotein A-IV metabolism, 308
- Lactation
- [¹³C]linoleic acid transfer into human milk, 827
 - low-fat diet and, 242
 - maternal vitamin A status and, 501
 - postpartum thiamine deficiency and, 808
- Lactic acid, glycemic and insulinemic responses to milk products, 96
- LDL. See Low-density lipoproteins
- LDL cholesterol. See Low-density lipoprotein cholesterol
- Lean body mass, HIV highly active antiretroviral therapy use and, 679
- Lean women, de novo lipogenesis during carbohydrate overfeeding, 737
- Lecithin-cholesterol acyltransferase, psyllium and, 435
- Leptin
- appetite and energy metabolism, 426
 - concentrations of, in US adults, 277 (Editorial)
 - relations with demographic and anthropometric measures, 295
- Letters to the Editor
- Cognitive performance and glucose, 409
 - Derivation of tolerable upper intake levels of nutrients, 865
 - Dietary ratio of animal to vegetable protein and rate of bone loss and risk of fracture in postmenopausal women, 411
 - Do we really need $\geq 100 \mu\text{g}$ vitamin D/d, and is it safe for all of us? 862
 - Effect of obesity on plasma homocysteine, 558
 - Energy restriction, 556
 - Fat emulsion infusions and prolongation of the Q-T interval, 272
 - Metabolism of methionine derived from deuterated serine infused in a human, 701
 - Mild hyperhomocysteinemia: vitamin supplementation or not? 271
 - On the matter of ethnic differences in body composition, 555
 - The paradox of antioxidants and cancer, 555
 - Tolerable upper intake level of vitamin D, 864
 - Tracking of body mass index from childhood to adolescence: a 6-y follow-up study in China, 149
 - Validity of dietary assessment, 273
- Leucine requirement, in Indian subjects, 747
- Leukocytosis, in ALS, 328
- Linoleic acid
- coronary artery disease and, 612
 - human milk and, 242
- [¹³C]Linoleic acid, transfer into human milk, 827
- α -Linolenic acid, coronary artery disease and, 457
- Linolenic acid, coronary artery disease and
- Lipid peroxidation, in Crohn disease, 259
- Lipids
- metabolism and health, 283
 - substrate oxidation and, 620
- Lipodystrophy, HIV highly active antiretroviral therapy use and, 679
- Lipogenesis, common energy currency, 707 (Editorial)
- Lipoproteins
- reduced-fat spreads and, 33
 - sex and psyllium and, 435
 - walnut intake and, 72
- Log-linear regression, resting metabolic rate and obesity, 369
- Long-chain polyunsaturated fatty acid, in full-term infants, 364
- Longitudinal studies
- determining diabetes risk in Japanese Americans, 101
 - of adult obesity, 287
- Low birth weight, HIV infection and, 814
- Low-birth-weight infants, substrate oxidation in, 374
- Low-density lipoproteins
- and dietary PUFA in women, 179
 - and diet of Fulani pastoralists, 730
 - and vitamin E in cow milk, 211
 - atherosclerosis and, 402
 - blood pressure-lowering diet and, 80
 - cardiovascular disease and, 464
 - oxidation of, chocolate procyanidins and, 596
 - oxidized, high-protein diets and, 57
- Low-fat diets
- fractures and, 571
 - walnut intake and, 72
- Lutein, in Midwest adults, 796
- Lymphocyte subsets, and immune responses to fasting, 670

- Macronutrients, and energy intake of children, 643
- Macular degeneration, age-related, 796
- Macular pigment, dietary intake of carotenoids, 796
- Macular pigment optical density, in Midwest adults, 796
- Malaria
and low birth weight in Tanzania, 814
prevalence of iron deficiency and, 776
- Malnutrition, 160
- Maternal diet, *trans* fatty acids in, 364
- Maternal nutrition, *trans* fatty acids in, 364
- Maternal supplementation, and immune function, 840
- Maturation, growth assessment in Indian adolescents, 248
- Meal ingestion, effect on calculation of body composition, 474
- Meat, apparent copper absorption from, 803
- Mechanical ventilation, for critically ill children, 664
- Medical education, translation of nutritional sciences into, 164
- Medical students, Nutrition Academic Award Program, 164
- Medicine, metabolism and health, 283
- Mediterranean diet, blood lipids and abdominal fat composition and, 585
- MEDLINE, enteral compared with parenteral nutrition, 534
- Memory, diet and, 687
- Men
body composition in, 637
cysteine sparing effect on methionine requirement, 761
plasma lipid responses in, 435
sulfur amino acid requirement in, 756
zinc kinetics and homeostasis in zinc deficiency, 116
- Menarche, age at, adult obesity and, 287
- Menopausal status, of middle-aged Chinese, 64
- Menopause, the Healthy Transitions Study, 90
- Mental development, zinc deficiency and, 381
- Meta-analysis
enteral compared with parenteral nutrition, 534
long-term weight-loss maintenance, 579
- Metabolic syndrome, glycemic and insulinemic responses, 96
- Metabolism
of apolipoprotein A-IV, 308
 γ -tocopherol and, 714
- Metabolites, health and, 283
- Metabolomics, for improved health and nutrition, 283
- Methionine
cysteine sparing effect on requirement for, 761
metabolism of, 701 (Letter to the Editor)
requirement in young men, 756
- Methionine synthase reductase, in Asian Indians, 233
- Methylenetetrahydrofolate reductase polymorphism, in Asian Indians, 233
- Methylmalonic acid, in Asian Indians, 233
- Mexico
arachidonic acid in human milk, 242
[¹³C]linoleic acid transfer into human milk, 827
micronutrient deficiencies in, 657
- Microencapsulated iron, to treat anemia, 791
- Micronutrient deficiencies, growth and, 657
- Micronutrients, in Crohn disease, 259
- Middle-aged women, diet and energy expenditure of, 90
- Milk, glycemic and insulinemic responses to, 96
- Milk fat, [¹³C]linoleic acid in, 827
- Misreporting, energy intake and expenditure in children, 643
- Mortality risk, total homocysteine and, 3 (Editorial)
- Motor neuron disease, hypermetabolism and, 328
- MTHFR polymorphism. See Methylenetetrahydrofolate reductase
- MTRR polymorphism. See Methionine synthase reductase polymorphism
- Multicompartment models, calibration of percentage body fat, 637
- Multiple micronutrient supplementation, and growth of Mexican infants, 657
- Multiple-frequency bioelectrical impedance analysis, diurnal variation in, 474
- Mummy, clue to dietary sterol intake, 44
- Myocardial infarction
high-dose n-3 fatty acids after, 50
in elderly Americans, 219
- National Center for Health Statistics reference, growth assessment in Indian adolescents, 248
- National Cholesterol Education Program
Step I diet, reduced-fat spreads and, 33
Step II diet, 308
- National Heart, Lung, and Blood Institute Family Heart Study, linolenic acid and coronary artery disease, 612
- National Heart, Lung, and Blood Institute guidelines, determining diabetes risk in Japanese Americans, 101
- Natives, the Inuit of Nunavik, 464
- Natural killer cells, in the elderly, 833
- NCEP. See National Cholesterol Education Program
- Netherlands, The Zutphen Elderly Study, 227
- Netherlands Cohort Study on Diet and Cancer, plant sterols and colorectal cancer risk, 141
- Neural tube defects, zinc-folate interaction and, 125
- Neutrophil, immune responses to fasting, 670
- New Zealand, probiotic enhancement of immunity in the elderly, 833
- NHANES III. See third National Health and Nutrition Examination Survey
- Nigeria, diet of Fulani pastoralists, 730
- Nitrogen balance, in critically ill children, 664
- Noncardiovascular mortality, total homocysteine and, 130
- Nonprotein energy, substrate oxidation and, 374
- Nucleoside reverse transcriptase inhibitors, highly active anti-retroviral therapy and, 679
- Nutrient balance, food intake and, 620
- Nutrients
alcohol intake and, 322
tolerable upper intake levels of, 865 (Letter to the Editor)
- Nutrition
among HIV-infected adults, 852
Healthy Eating Index and, 479
metabolism and health, 283
pre- and postnatal programming of immunity, 543
- Nutrition Academic Award Program, translation of nutritional sciences into medical education, 164
- Nutrition education, translation of nutritional sciences into, 164
- Nutrition intervention
effect on immune function, 565 (Editorial)
polyp prevention and, 387
- Nutritional epidemiology, concordance of dietary data with guidelines, 848
- Nutritional risks, among the elderly, 155 (Editorial), 201

- Nutritional support
 - in chronic disease, 6
 - in clinical care, 160
 - in critical illness, 265
- Oats, no harmful effect of, in celiac disease, 137
- OB protein, effect on appetite and energy metabolism, 426
- Obese women, de novo lipogenesis during carbohydrate overfeeding, 737
- Obesity
 - determining diabetes risk in Japanese Americans, 101
 - diet, blood lipids, and abdominal fat composition, 585
 - effect of peg-OB-protein on, 426
 - in girls and their parents, 529
 - leptin concentrations and, 295
 - plasma homocysteine and, 558 (Letter to the Editor)
 - predictors of, 287
 - racial differences in, 631
 - resting metabolic rate and, 369
- Oligosaccharides, in human milk and formula, 510
- Oral diets, compared with parenteral nutrition, 534
- Organic acids
 - glycemic and insulinemic responses to milk products, 96
 - measurements of gastric emptying rate, 254
- Osteopenia, HIV highly active antiretroviral therapy use and, 679
- Osteoporosis
 - dietary calcium and, 571
 - HIV highly active antiretroviral therapy use and, 679
 - hydrogenated vitamin K and, 783
- Overfeeding, de novo lipogenesis and, 737
- Overweight, racial differences in, 631
- Oxidation
 - in hypertriglyceridemia, 449
 - vitamins and, 402
- Oxidative stress, in Crohn disease, 259
- Oxidized LDL cholesterol, high-protein diets and, 57
- Oxygen consumption, in low-birth-weight infants, 374
- Oxygen radical absorbance capacity, 596
- Parasitic infections, and low birth weight in Tanzania, 814
- Parathyroid hormone, effects of calcium intake on bone metabolism, 335
- Parenteral nutrition
 - compared with enteral nutrition, 534
 - update, 153 (Editorial)
- Pediatrics substrate use in critically ill children, 664
- Percentage body fat, calibration of, 637
- Phagocytosis, in the elderly, 833
- Phenylalanine
 - cysteine sparing effect on methionine requirement, 761
 - requirement in young men, 756
- Phospholipids, in hypertriglyceridemia, 449
- Phosphoric acid, urinary calcium excretion and, 343
- Phosphorus, urinary calcium excretion and, 343
- Phylloquinone, bone turnover and, 783
- Physical activity
 - in children, 524
 - of middle-aged women, 90
 - waist-to-hip ratio and, 574
- Physicians' Health Study, dairy foods, calcium, and prostate cancer, 549
- Phytic acid, vegetarian diet and, 803
- Phytochemical databases, 4 (Editorial)
- Phytosterols, colorectal cancer risk and intakes of, 141
- Plant sterols
 - colorectal cancer risk and intakes of, 141
 - in Eskimo coprolite, 44
 - reduced-fat spreads and, 33
- Plasma, maternal vitamin A status and, 501
- Plasma S-adenosylhomocysteine, 723
- Plasma ascorbic acid, in validation of dietary assessment methods, 188
- Plasma biomarkers, Healthy Eating Index and, 479
- Plasma calcium, adolescent girls and, 494
- Plasma cholesterol
 - dietary changes and polyp prevention, 387
 - sex and psyllium and, 435
- Plasma fatty acid, walnut intake and, 72
- Plasma total cholesterol, blood pressure-lowering diet and, 80
- Plasma triacylglycerol, sex and psyllium and, 435
- Plasma zinc, effect of zinc depletion on, 116
- Pneumococcus vaccine, early life predictors of immune function, 840
- Polyp Prevention Trial, results of dietary changes in, 387
- Polyphenols
 - flavonoids and, 418
 - LDL oxidation and, 596
- Polyunsaturated fatty acids
 - and lower LDL cholesterol in women, 179
 - human milk and, 242
- Population, leptin concentrations and, 295
- Pork, dietary polyunsaturated fatty acids lower LDL cholesterol in women, 179
- Postmenopausal women
 - bone loss and, 411 (Letter to the Editor)
 - plasma lipid responses in, 435
 - postprandial lipemia in, 592
- Postnatal nutrition, of small-for-gestational-age term infants, 516
- Postpartum, thiamine deficiency, 808
- Postprandial hormones, substrate oxidation and, 620
- Postprandial lipemia
 - diet and, 171
 - effect of insulin resistance on, 592
- Postprandial metabolism, substrate oxidation and, 620
- Pregnancy
 - early life predictors of immune function, 840
 - HIV infection and low birth weight, 814
 - thiamine deficiency and, 808
 - trans fatty acids in, 364
 - vitamin A status and, 501
- Premenopausal women, plasma lipid responses in, 435
- Prenatal exposure, and programming of immunity, 543
- Prenatal nutrition, trans fatty acids in, 364
- Preschool children, with malaria, iron status in, 767
- Probiotics, enhancement of immunity in the elderly, 833
- Procyanidins, LDL oxidation and, 596
- Prospective randomized clinical trials, enteral compared with parenteral nutrition, 534
- Prospective study, plant sterols and colorectal cancer risk, 141
- Prostaglandins, LDL oxidation and chocolate procyanidins, 596
- Prostate cancer, dairy foods and, 549
- Protease inhibitors, highly active antiretroviral therapy and, 679

- Protein, memory and, 687
 Protein metabolism, guar and, 487
 Protein-energy malnutrition, treatment of, 6
 Provitamin A carotenoids, vitamin A value of plant foods, 348
 Psyllium, lipid responses to, 435
 Puberty, growth assessment in Indian adolescents, 248
 PUFA. See Polyunsaturated fatty acids
- Q-T interval, fat emulsion and, 272 (Letter to the Editor)**
 Quebec, n-3 fatty acids and cardiovascular disease risk, 603
 Quebec Family Study, body circumferences and cardiovascular risk factors, 315
 Questionnaire, energy intake in women, 197
- Rabies vaccine, early life predictors of immune function, 840**
 Radioisotope, zinc absorption in young women, 125
 Randomized double-blind clinical study, n-3 fatty acids after acute myocardial infarction, 50
 Randomized trial, diet and catch-up growth in small-for-gestational-age infants, 516
 Rate constants, zinc depletion and kinetic analysis, 116
 Reactive oxygen species, in Crohn disease, 259
 Rectal cancer, plant sterols and risk of, 141
 Red palm oil, maternal vitamin A status and, 501
 Refeeding, immune responses to, 670
 Refugee, thiamine deficiency in, 808
 Remnant lipoproteins, in postmenopausal women, 592
 Renal function, effect of wheat gluten on, 57
 Reproducibility, of dietary assessment, 188
 Residents, Nutrition Academic Award Program, 164
 Respiration chamber, and energy metabolism in obese men, 426
 Respiratory quotient, in low-birth-weight infants, 374
 Resting metabolic rate, in obese and nonobese children, 369
 Retinal carotenoids, dietary intake and, 796
 Retinol, enhances iron status in teenagers, 108
 Retinol equivalency, vitamin A value of plant foods, 348
 Retinyl esters, vitamin A value of plant foods, 348
 Review
 flavonoids, 418
 γ -tocopherol, 714
 total parenteral nutrition, 160
 Rheumatoid arthritis, protein-energy malnutrition and, 6
 Risk factors, for cardiovascular disease, 464
- Satiation power, food intake and, 620**
 Satiety
 food intake and, 620
 OB-protein treatment and, 426
 Sepsis, in critical illness, 265
 Serum carotenoids, polyp prevention and, 387
 Serum ferritin
 and aspirin in elderly Americans, 219
 iron deficiency in Côte d'Ivoire, 776
 Serum folate, and diet of Fulani pastoralists, 730
 Serum lipids, and diet of Fulani pastoralists, 730
 Serum parathyroid hormone concentrations, vitamin D and, 206
 Serum transferrin receptor, iron deficiency in Côte d'Ivoire, 776
 Serum triacylglycerol, high-dose n-3 fatty acids and, 50
 Seven-day food diaries, self-reported dietary intake and, 188
- Severity of illness, parenteral nutrition and, 265
 Sex
 association of with HDL, 64
 psyllium and plasma lipids and, 435
 waist-to-hip ratio and, 574
 Sex differences, energy expenditure and body fat in children, 524
 Sialic acid, in human milk and formula, 510
 Single-frequency bioelectrical impedance analysis, diurnal variation in, 474
- Small-for-gestational-age infants**
 diet and catch-up growth in, 516
 HIV infection and, 814
 Social class, adult obesity and, 287
 Sociodemographics, of HIV-infected adults, 852
 Socioeconomic status, Healthy Eating Index and, 479
 Socioeconomics, among HIV-infected adults, 852
 Sodium propionate, gastric emptying and, 254
 Splanchnic uptake, in Indian subjects, 747
 Stable isotopes
 methionine requirement and, 761
 total sulfur amino acid and, 756
 vitamin A value of plant foods, 348
 Stable-isotope tracer, apolipoprotein A-IV metabolism, 308
 Statins, fractures and, 571
 Sterol esters, reduced-fat spreads and, 33
 Stroke
 protein-energy malnutrition and, 6
 tea consumption and, 227
 Stunted, [^{13}C]linoleic acid transfer into human milk, 827
 Substrate balances, nutrition in critical illness, 265
 Substrate metabolism, nutrition in critical illness, 265
 Substrate oxidation
 in critically ill children, 664
 in low-birth-weight infants, 374
 Sucrose, overfeeding, 737
 Sulfur amino acids
 reduction in methionine requirement, 761
 requirement in young men, 756
 Sunflower oil, maternal vitamin A status and, 501
 Sunlight exposure, adolescent girls and, 494
 Supplementation, with vitamin A, 108
 Sydney
 children's energy intake and expenditure, 643
 sialic acid in human milk and formula, 510
- Table spread, lipid responses to, 33**
 Taiwan, HDL in middle-aged Chinese, 64
 Tanzania
 determinants of low birth weight in, 814
 maternal vitamin A status and, 501
 Tea, ischemic heart disease and, 227
 Teenagers, supplemental vitamin A and iron status in, 108
 Term infants, small-for-gestational age, 516
 TFEQ. See Three-Factor Eating Questionnaire
 Thailand, postpartum thiamine deficiency in, 808
 The Gambia, early life predictors of immune function, 840
 The Zutphen Elderly Study, tea consumption and ischemic heart disease, 227
 Thiamine deficiency, postpartum, 808
 Thiamine hydrochloride, postpartum, 808

- Third National Health and Nutrition Examination Survey, leptin concentrations and, 295
- Three-Factor Eating Questionnaire, cognitive restraint and distraction, 197
- Timing of supplementation, calcium intake and, 335
- α -Tocopherol
in plasma and adipose tissue, 356
in the US diet, 714
- α -Tocopherol transfer protein, 356
- γ -Tocopherol
in plasma and adipose tissue, 356
in the US diet, 714
- Tocopherol, milk-enhanced transport of, 211
- Total body potassium, in girls and their parents, 529
- Total homocysteine, cardiovascular and noncardiovascular mortality and, 130
- Total parenteral nutrition
in clinical care, 160
in critical illness, 265
- TPN. See Total parenteral nutrition
- trans* Fatty acids
coronary artery disease and, 457
in full-term infants, 364
vitamin K and bone turnover, 783
- Transferrin receptors, in African children with malaria, 767
- Triacylglycerol
and vitamin E in cow milk, 211
blood pressure-lowering diet and, 80
cardiovascular disease and, 464
cardiovascular disease risk and, 603
diet and, 171
fish oil and, 449
high-protein diets and, 57
- Triacylglycerol-rich lipoprotein fraction, and vitamin A value of plant foods, 348
- Triacylglycerol-rich lipoproteins, diet and, 308
- Tube feeding, compared with enteral nutrition, 534
- Type 2 diabetes, risk in Japanese Americans, 101
- Ultrasonography, measurements of gastric emptying rate, 254
- Underreporting, appetite profile and, 426
- United Kingdom, diet and catch-up growth in small-for-gestational-age infants, 516
- United States, leptin concentrations in, 295
- Universal eating monitor, appetite and energy metabolism in obese men, 426
- Unsaturated fatty acids, and risk of coronary artery disease, 457
- Urea, effect of wheat gluten on, 57
- Urea kinetics, guar and dietary nitrogen and, 487
- Uric acid, effect of wheat gluten on, 57
- Urinary calcium, carbonated beverages and, 343
- Urinary nitrogen, in validation of dietary assessment methods, 188
- Urinary potassium, in validation of dietary assessment methods, 188
- Urinary sodium, in validation of dietary assessment methods, 188
- Vaccine, antibody response to, 543
- Validity, of self-reported dietary intake, 188
- Vegetable fat, colorectal cancer risk and, 141
- Vegetable protein, serum lipids and, 57
- Vegetables, cardiovascular disease and, 442
- Vegetarian diets
apparent copper absorption from, 803
of Asian Indians, 233
- Vertical transmission, of HIV infection, 814
- Very-low-energy diet, weight-loss maintenance and, 579
- Viscosity, guar gum and, 487
- Vitamin A
enhances iron status in teenagers, 108
maternal status of, 501
plant foods and, 348
- Vitamin B-12, cardiovascular disease and, 723
- Vitamin C
atherosclerosis and, 402
Healthy Eating Index and, 479
- Vitamin D
deficiency, in adolescent girls, 494
intake, adolescent girls and, 494
prostate cancer and, 549
safe amount, 862 (Letter to the Editor)
serum parathyroid hormone and, 206
tolerable upper intake level of, 864 (Letter to the Editor)
- Vitamin D receptor genotype, in elderly women, 694
- Vitamin E
atherosclerosis and, 402
biomarkers of, 356
milk-enhanced transport of, 211
- Vitamin K, and bone turnover, 783
- Vitamin supplementation, hyperhomocysteinemia and, 271 (Letter to the Editor)
- Waist circumference
differences in abdominal fat patterns, 631
effects on cardiovascular disease risk factors, 315
- Waist-to-hip ratio
effects on cardiovascular disease risk factors, 315
in middle-aged Chinese, 64
physical activity and, 574
- Walnuts, lipoprotein changes during intake of, 72
- Wasting, among HIV-infected adults, 852
- Weight gain, determining diabetes risk in Japanese Americans, 101
- Weight loss
long-term, 579
OB-protein treatment and, 426
racial differences in, 631
- Weight maintenance, long-term, 579
- Weight reduction, OB-protein treatment and, 426
- Wheat gluten, serum lipids and, 57
- Whole-body counting, zinc absorption in young women, 125
- Women
apparent copper absorption from a vegetarian diet, 803
arachidonic acid in human milk, 242
body composition in, 637
dietary polyunsaturated fatty acids lower LDL cholesterol in, 179
eating habits and alcohol consumption, 322
effect of dosage and timing of calcium intake, 335
energy intake in, 197
Healthy Eating Index and, 479
maternal vitamin A status and, 501

postpartum thiamine deficiency in, 808
treatment of anemia in, 650

Zeaxanthin, in Midwest adults, 796

Zinc

absorption, folic acid and, 125
deficiency, Bangladeshi infants and, 381
depletion, effect on zinc homeostasis and kinetics, 116

homeostasis, effect of zinc depletion on, 116

protoporphyrin, iron deficiency in the Ivory Coast, 776

status, in young women, 125

supplementation, effect on mental development, 381

⁶⁵Zn, absorption in young women, 125

Zutphen Elderly Study, α -linolenic acid and coronary artery
disease, 457

Author Index Volume 74

- Aarsland T, 50
 Abbasi F, 592
 Abbott RA, 516, 524
 Abildskov K, 374
 Abrams SA, 116
 Adair LS, 543
 Adou P, 776
 Aghdassi E, 259
 Ahmed F, 108
 Akner G, 6
 Albert P, 387
 Albrektsen G, 50
 Alfonso E, 827
 Allard JP, 259
 Almario RU, 72
 Almér L-O, 254
 Ames BN, 714
 Anania MC, 137
 Anderson AS, 848
 Anderson JW, 579
 Andersson HA, 141
 Antony AC, 157
 Antwi KY, 791
 Armani U, 271
 Arthur P, 791
 Arts ICW, 227
 Ashurst HE, 402
 Asobayire FS, 776
 Astrup A, 558
 Augustin LSA, 57
 Ayotte P, 464
- Baggott JE, 701
 Bales CW, 80, 155
 Ball EJ, 524, 643
 Ball RO, 761, 756
 Ballard-Barbash R, 387
 Ballart A, 501
 Baron D, 259
 Baur LA, 524, 643
 Beaufrère B, 670
 Beck MA, 543
 Beguin Y, 767
 Beitz DC, 179
 Bellisle F, 197
 Benamouzig R, 487
 Benetou V, 574
 Benincasa L, 848
 Bergeron J, 603
 Bingham SA, 188
 Bistrrian BR, 153
 Björck IME, 96, 254
 Björgell O, 254
 Blache D, 449
- Blackburn GL, 1
 Blanchet C, 464, 603
 Blössner M, 248
 Bluck LJ, 737
 Boelens PG, 418
 Böhm V, 808
 Boirie Y, 670
 Booth SL, 783
 Borgonha S, 747
 Bott SJ, 737
 Bouchard C, 315
 Boulet L, 449
 Boyko EJ, 101
 Brand-Miller J, 510
 Brants HAM, 141
 Brattström L, 271
 Braunschweig CL, 534
 Bray GA, 80
 Brown KH, 657
 Brown WJ, 650
 Buchman AL, 25
 Bueno de Mesquita HB, 227
 Burema J, 767
 Burus I, 364
 Butte NF, 529
 Butterworth RF, 712
- Caan B, 387
 Cabezas MC, 171
 Cadena SM, 730
 Caldefie F, 670
 Campfield LA, 426
 Capdevila A, 723
 Carrrier J, 259
 Cederholm T, 6
 Cerone R, 271
 Champagne CM, 90
 Chan JM, 549
 Chandukudlu D, 747
 Changbumrung S, 808
 Chassagne J, 670
 Chen S, 33
 Cho T, 808
 Christen S, 714
 Christensen B, 302
 Cincotta M, 442
 Ciulla TA, 796
 Clements H, 516
 Coleman CD, 201
 Collinson AC, 840
 Comuzzie AG, 529
 Conn CA, 730
 Connelly PW, 57
 Connor WE, 44, 415
- Cook JD, 776
 Cooper DA, 796
 Corle D, 387
 Coss-Bu JA, 664
 Coulston AM, 417
 Coward WA, 737
 Cross ML, 833
 Crossey M, 730
 Cummings SR, 411
 Curran-Celentano J, 796
 Cynober L, 670
- D'Agostino RB Sr, 219
 Dalix A-M, 197
 Danis RB, 796
 Darnell BE, 631
 Darwiche G, 254
 Das UN, 409
 Dasgupta P, 248
 Daston C, 387
 Davidson MH, 33
 Davidsson L, 776
 Davies PSW, 524, 643
 Davignon J, 449
 Day NE, 188
 de Jonge L, 90
 de Medina FS, 585
 de Onis M, 248
 De Vincenzi M, 137
 Decsi T, 364
 Del Prado M, 242
 Demmelmaier H, 242, 827
 Després J-P, 315
 Dewailly É, 464, 603
 Di Buono M, 756, 761
 Di Cello T, 137
 Di Tola M, 137
 Dicklin MR, 33
 Dijk-Brouwer DAJ, 862
 Djoussé L, 612
 Dockrell M, 637
 Dolnikowski GG, 308
 Doyle N, 449
 Drewnowski A, 479
 Dreyfuss ML, 814
 Du X, 494
 Dubowitz L, 808
- Eckfeldt JH, 612
 El-Khoury A, 747
 Elizondo A, 242
 Ellis KJ, 529
 Ellison RC, 612
 Erkelens DW, 171

- Eitherton TD, 596
 Everhart JE, 295

 Fantino M, 620
 Faulkner D, 57
 Fawzi WW, 814
 Feldman EB, 704
 Fernandez ML, 435
 Feskens EJM, 227, 457
 Fewtrell MS, 516
 Fleming DJ, 219
 Flores M, 657
 Folsom AR, 612
 Forbes GB, 555
 Fortin L-J, 449
 Franke WC, 33
 Fraser DR, 494
 Frederick RC, 579
 Freedman L, 387
 Friedmann JM, 201
 Fuchs GJ, 381
 Fuerst T, 637
 Fujimoto WY, 101

 Gabrielli F, 137
 Gadkari M, 233
 Gale CR, 402
 Gallagher JC, 694
 Gann PH, 549
 Garaulet M, 585
 Garcés MA, 848
 Gaskin KJ, 524, 643
 Gaziano JM, 549
 Ge K, 494
 Gebhart BW, 33
 Geelen A, 57
 German JB, 283
 Gill HS, 833
 Gingras S, 464, 603
 Giovannucci EL, 273, 549
 Giugliano D, 272
 Glew RH, 730
 Gnardellis C, 574
 Go VLW, 868
 Goldbohm RA, 141
 Goldstein MR, 272
 González-Cossío T, 657
 Gopal PK, 833
 Gorbach SL, 679, 852
 Gower BA, 631
 Grantham-McGregor SM, 381
 Greenfield H, 494
 Greenwood CE, 410, 687
 Gregory III JF, 702
 Grundy SM, 164
 Gundberg CM, 783
 Guttormsen AB, 233

 Halkes CJM, 171
 Hamadani JD, 381
 Hammock BD, 283
 Hammond BR Jr, 796
 Hann CS, 479
 Hansen M, 125
 Hanson RL, 149
 Harding M, 737
 Hathcock J, 864
 Hayes KC, 211
 Heaney RP, 412

 Hegsted DM, 571
 Hellerstein MK, 707
 Henry CJK, 501
 Hertzmark E, 814
 Hollman PCH, 227
 Holub BJ, 464, 603
 Hong Y, 612
 Hopkins PN, 612
 Horrobin DF, 555
 Huda SN, 381
 Hukshorn CJ, 426
 Hunt JR, 803
 Hunter DJ, 814
 Hunter GR, 631
 Hurrell RF, 776

 Iber F, 387
 Ingram KA, 33

 Jackson AA, 108
 Jackson MJ, 116
 Jacques PF, 219
 Järvelin M-R, 287
 Jeejeebhoy KN, 160
 Jefferson LS, 664
 Jenkins DJA, 57
 Jensen GL, 201
 Jensen M, 125
 Jiang Q, 714
 Joglekar A, 233
 Josse R, 57

 Kallinen N, 254
 Kaplan ML, 179
 Kaplan RJ, 410, 687
 Karanja NM, 80
 Kärkkäinen MUM, 206
 Kashyap S, 374
 Kasim-Karakas SE, 72
 Kehayias J, 679
 Kendall CWC, 57
 Kerins DM, 723
 Kern M, 637
 Khan MR, 108
 Khatun F, 381
 Kim H-S, 592
 Kim JH, 852
 King I, 479
 King JC, 116
 Kinyamu HK, 694
 Klatsky AL, 279
 Klish WJ, 664
 Knowler WC, 149
 Knox T, 679
 Kok FJ, 457, 767
 Koletzko B, 242, 827
 Konz EC, 579
 Kostoff RN, 556
 Koury MJ, 723
 Kris-Etherton PM, 596
 Kromhout D, 227, 457
 Kuczmarski RJ, 277
 Kuriyan R, 747
 Kurpad AV, 747
 Kuzawa C, 543
 Lagiou A, 574
 Laitinen J, 287
 Lamberg-Allardt CJE, 206
 Lamendola C, 592

 Lance A, 827
 Lance P, 387
 Landaas S, 302
 Landmark K, 50
 Lanza E, 387
 Lazarus SA, 596
 Leiter LA, 57
 Lemieux S, 464, 603
 Leonetti DL, 101
 Levine AS, 275
 Levy P, 534
 Li Z, 64
 Lichtenstein AH, 64, 308, 783
 Lietz G, 501
 Liljeberg Elmståhl HGM, 96
 Liljeberg HGM, 254
 Lin DS, 44
 Lin F-P, 369
 Lin P-H, 80
 Lindsay RS, 149
 Lorini R, 271
 Lorri W, 501
 Louis-Sylvestre J, 620
 Lovejoy JC, 90
 Lowe NM, 116
 Luben RN, 188
 Lucas A, 516
 Lussier-Cacan S, 449
 Lyu L-C, 64

 Ma J, 549
 Mabile L, 449
 MacFadyen UM, 516
 Madsen LT, 125
 Mahé S, 487
 Maki KC, 33
 Malinow MR, 3
 Marfella R, 272
 Mariotti F, 487
 Marshall J, 387
 Martin LJ, 529
 Martínez P, 585
 Martyn CN, 402
 Maruthy K, 747
 Massaro JM, 219
 Massey LK, 569
 Mastracchio A, 137
 Mateski D, 387
 McBride PE, 164
 McDade TW, 543
 McDermott AY, 679
 McDevitt RM, 737
 McGready R, 808
 McKeown NM, 783, 188
 McLaughlin T, 592
 McNamara JR, 33
 McNeely MJ, 101
 McTaggart A, 188
 McVeagh P, 510
 Mendoza I, 848
 Michaud DS, 273
 Miller ER III, 80
 Minda H, 364
 Minniti G, 271
 Moen S, 50
 Molnár S, 364
 Moore SE, 840
 Moore TJ, 80
 Moreau K, 670

- Morley JE, 567
 Morley R, 516
 Morris JG, 413
 Mosdol A, 302
 Most-Windhauser MM, 80
 Msamanga GI, 814
 Mugyabuso JKL, 501
 Mulligan AA, 188
 Mulokozi G, 501
 Munger RG, 808
 Munro I, 865
 Muskiet FAJ, 862

 Nappo F, 272
 Naska A, 574
 Ndeto P, 767
 Ndossi GD, 501
 Nestel PJ, 563
 Nestle M, 704
 Nevill AM, 369
 Newell-Morris L, 101
 Newman JW, 283
 Nijveldt RJ, 418
 Nilsen DWT, 50
 Nordrehaug JE, 130
 Normén AL, 141
 Nosten F, 808
 Nygård O, 130

 O'Brian Smith E, 664
 O'Brien-Morse M, 783
 O'Connor J, 524, 643
 O'Dea K, 442
 Obarzanek E, 80
 Ocké MC, 457
 Ohira-Kist K, 374
 Okolo SN, 730
 Oomen CM, 457
 Ordoas JM, 64
 Örming L, 233
 Osendarp SJM, 381
 Östman EM, 96, 254
 Outila TA, 206

 Pankow JS, 612
 Parker T, 57
 Paskett E, 387
 Patterson AJ, 650
 Pearson TA, 164
 Pencharz PB, 756, 761
 Pérez-Ayala M, 585
 Pérez-Llamas F, 585
 Perlman D, 211
 Perrone G, 33
 Pérusse L, 315
 Petocz P, 510
 Piana A, 271
 Picarelli A, 137
 Pindan B, 442
 Piolot A, 449
 Pollitt E, 281
 Popkin BM, 149
 Portefaix G, 670
 Power C, 287
 Powers HJ, 402
 PPT Study Group, 387
 Prado MD, 827
 Pratt LM, 796
 Prentice AM, 737, 840

 Proch J, 596
 Pronczuk A, 211
 Proschan MA, 80
 Province MA, 612
 Pueyo ME, 487

 Raj T, 747
 Rana S, 723
 Rapuri PB, 694
 Reaven GM, 592
 Rechkemmer G, 273
 Refsum H, 130, 233
 Regan MM, 747
 Retterstol L, 302
 Ribaya-Mercado JD, 33
 Rimm E, 852
 Rivera JA, 657
 Rivera M, 657
 Roberts DCK, 650
 Robins SJ, 33
 Rock CL, 479
 Rodriguez C, 449
 Rodríguez M, 242, 827
 Romero M, 657
 Rosado JL, 657
 Rossander-Hulthén L, 474
 Roubenoff R, 679
 Rowley KG, 442
 Ruhl CE, 295
 Runswick SA, 188
 Rutherford KJ, 833
 Ryschon KL, 694

 Sabbatella L, 137
 Sacks FM, 80
 Saha S, 248
 Sahni R, 374
 Salamone L, 637
 Saltzman E, 783
 Samman S, 125
 Sandström B, 125
 Saris WHM, 426
 Sauberlich HE, 808
 Sauvé L, 464, 603
 Sayyad MG, 233
 Schaafsma A, 862
 Schaefer EJ, 33, 64, 308
 Schatzkin A, 387
 Schneede J, 233
 Schneeweiss B, 265
 Schoeller DA, 869
 Schulze KF, 374
 Schuster BI, 265
 Schutz Y, 631
 Sebastian A, 411
 Seidell JC, 315
 Seldon MR, 650
 Sellmeyer DE, 411
 Sengupta D, 248
 Shames DM, 116
 Shane B, 702
 Sheean PM, 534
 Sherman MP, 560
 Shevitz A, 679
 Shigenaga MK, 714
 Shike M, 387
 Shofer JB, 101
 Silano M, 137
 Simpson JA, 808

 Singhal A, 516
 Skinner K, 442
 Skinner M, 442
 Slattery M, 387
 Slinde F, 474
 Smiciklas-Wright H, 201
 Smith SR, 90
 Solomons NW, 848
 Sørensen SS, 125
 Spiegelman D, 814, 852
 Spruijt-Metz D, 561
 Stampfer MJ, 549
 Stein F, 664
 Steinbeck KS, 524, 643
 Steinhart AH, 259
 Stensel DJ, 369
 Stephensen CB, 565
 Stephenson T, 516
 Stewart JW, 179
 Stone EJ, 164
 Stone KL, 411
 Su Q, 442
 Sun Z, 308
 Sutherland B, 116
 Swain JF, 80

 Tam C, 259
 Tebar FJ, 585
 Tell GS, 130
 Téllez-Rojo MM, 657
 Thelle DS, 302
 Titchenal CA, 560
 Tobin BW, 164
 Tomé D, 487
 Tomkins A, 501
 Towers HM, 374
 Treuth MS, 529
 Trichopoulos D, 574
 Trichopoulou A, 574
 Tridon A, 670
 Trube A, 494
 Turlund JR, 116
 Tverdal A, 130

 Ueland PM, 130, 233
 Ulvik A, 233
 Umporowicz DM, 33
 Urassa EJN, 814

 Valdés-Ramos R, 848
 van den Brandt PA, 141
 van der Veer E, 862
 van der Vliet A, 556
 van Erk M, 57
 van Hoorn DEC, 418
 Van Horn L, 164
 van Leeuwen PAM, 418
 Van Loan M, 637
 van Nood E, 418
 van Norren K, 418
 van Wijk JPH, 171
 Van Wymelbeke V, 620
 VanderJagt DJ, 730
 Vanderpool RA, 803
 Vasson M-P, 670
 Vega-López S, 435
 Veitl V, 364
 Verhoef H, 767
 Vidal-Quintanar RL, 435

- Vidgen E, 57
Vieth R, 863, 866
Villalpando S, 242, 827
Vinson JA, 596
Visser M, 637
Vollmer WM, 80
Vollset SE, 130, 233
Vonghavaravat V, 72
Voorrips LE, 141
Vuksan V, 57

Wagner C, 723
Walding D, 664
Walker ARP, 557
Walrand S, 670
Wan Y, 596
Wang B, 510
Wang X, 149, 534
Wang Y, 149, 494
Wanke C, 868

Watkins SM, 283
Watzl B, 273
Weinsier RL, 631
Weissfeld J, 387
Welch AA, 188
Welty FK, 308
Wendland BE, 259
West CE, 767
Westerterp-Plantenga MS, 426
White GA, 442
White NJ, 808
Wilcken DEL, 271
Willett WC, 273
Williams M, 730
Wilmore JH, 869
Wilson PWF, 219
Winocur G, 410, 687
Wishart C, 524, 643
Woie L, 50
Wolever TMS, 410, 687

Wolman SL, 259
Wong R, 72
Wood CL, 579
Wood RJ, 219, 783
Woodhouse LR, 116
Wykes LJ, 756, 761

Xie H, 90

Yajnik CS, 233
Yee AJ, 637
Yeh C-Y, 64
Yeung G, 791
Young VR, 709, 747
Yu MC, 558
Yuan J-M, 558

Zamora S, 585
Zauner C, 265
Ziegler RG, 4
Zlotkin S, 791
Zuckerman PA, 631

